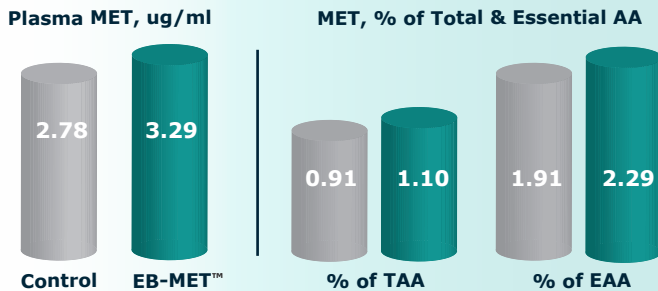


BY ENERGY BOOSTER™

## Rumen-Protected Methionine supplement for use in dairy cows

EB-MET™ by Energy Booster™ is a rumen-protected methionine supplement. This valuable essential amino acid comes with a protective Energy Booster coating, providing the cow with a readily available source of energy. Methionine plays a key role in many biological functions during transition, breeding and lactation. Since dairy cows cannot synthesize methionine, its requirements must be met through the diet.

### METHIONINE (MET) ABSORPTION TO BLOOD<sup>ab</sup>

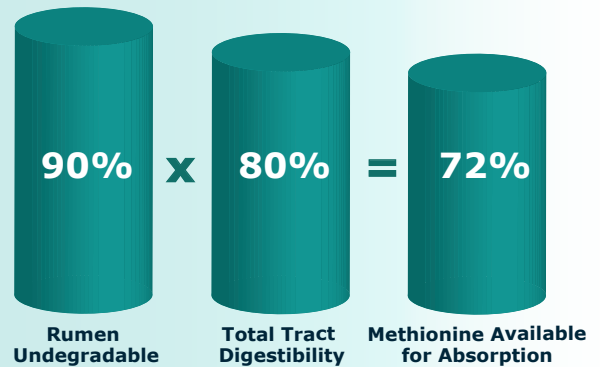


University of Georgia – Dr. John Bernard

a Blood plasma collection experiment was conducted at the University of Georgia where treatments were fed for 5 d and blood samples collected at 1000, 1200, 1400, and 1600 h. (Bernard, 2017)

b Plasma methionine was determined using the Free amino acids in Plasma method conducted at the University of Missouri Agricultural Experiment Station Chemical Laboratories (MU, 2017)

### BYPASS AND DIGESTIBILITY



#### Rumen Undegradable % N

Ohio State University – Dr. Jeff Firkins 91.8<sup>a</sup>  
University of Nebraska – Dr. Paul Kononoff 91.3<sup>a</sup>

#### Total Tract Digestibility % N

Cornell University – Dr. Debbie Ross & Dr. Mike Van Amburgh 78.6<sup>b</sup>  
MSG @ Eden Prairie, MN – Dr. Hector Diaz & Dr. Jim Linn 93.3<sup>b</sup>

a Rumen Undegradable was determined using the National Research Council. 2001 method. Nutrient Requirements of Dairy Cattle 7th Ed. National Academic Press; Washington, DC, USA.

b Total tract N digestibility was determined using the in vitro intestinal digestibility assay for Ruminant feeds D. A. Ross, M. Gutierrez-Botero, and M. E. Van Amburgh. Department of Animal Science Cornell University.

### ANALYSIS

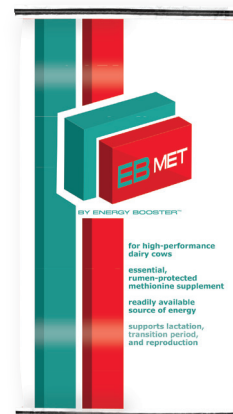
Crude Protein, not less than . . . . . 19.0%  
Methionine, not less than . . . . . 34.0%  
Crude Fat, not less than . . . . . 54.0%  
Total Fatty Acids, not less than . . . . . 53.0%

### INGREDIENTS

Hydrolyzed Animal and Vegetable Fat (Preserved with BHT), DL-Methionine, Starch, Magnesium Oxide, Magnesium Carbonate, Bees Wax, Lecithin.

### FEEDING GUIDELINES

EB-MET™ is a nutritional source of methionine and rumen inert fat. Fed at 0.13 lb per cow per day, EB-MET™ will provide 15.3 grams of MP-Methionine. Work with your nutritionist to balance amino acids and energy in diets to get the best results when feeding.



### PACKAGING

Bag: 50 lb with Tag

Manufactured by Milk Specialties Global • 7500 Flying Cloud Dr., Suite 500 • Eden Prairie, MN 55344  
800-323-4274 • MilkSpecialties.com • EB-MET is a trademark of Milk Specialties Co. REV0718

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**MILKSPECIALTIES**  
GLOBAL  
Animal Nutrition

PROVIDING SCIENCE-BASED SOLUTIONS